

**SECRET**

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## **PREFACE**

1. (C) This glossary of approved, standard nomenclature terms for ground forces equipment will be published in seven sections. The section format with individual pages has been used to facilitate updating of the glossary in the future. The glossary has been prepared for use in a standard loose leaf binder. Standard terms are in the left-hand column; the length of the terms was determined by a space limitation of 24 characters in the Object (OB) sector of the Installation Data File (IDF). It is recommended that the ground forces weapons (GFW) trinome of the Worldwide Initial Photo Interpretation Report (WWIPR) be used when reporting equipment observed either at a ground forces installation or in a ground forces unit. Terms that are set in **boldface** type are those used for general identification by category when it is either impossible or unnecessary to identify the specific piece of equipment. Interim designators are indicated by the use of an asterisk (\*). Useful information about a piece of equipment (as well as any previously used term or title) is included in the right-hand column, in free-text format. Only those terms used by NPIC are included in the left-hand column.

2. (C) The seven sections of the glossary are as follows: Warsaw Pact (WP); The People's Republic of China (PRC); North Korea (KN); the United States (US); Great Britain (UK); France (FR); and Other (OTH). Pagination includes the abbreviated section name. Information pertaining to the use of each section will be provided in the introduction to the specific section.

3. (U) The glossary will be reviewed on a semiannual basis, and future supplemental sections and revisions will be published as new identifications are made and existing information is updated.

4. (U) The first section of this glossary was published under R-01/80; the second and third sections are published under R-02/80.

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**Warning Notice**  
Intelligence Sources and Methods Involved  
(WNINTEL)

**NATIONAL SECURITY INFORMATION**  
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**DISSEMINATION CONTROL ABBREVIATIONS**

NOFORN-	Not Releasable to Foreign Nationals
NOCONTRACT-	Not Releasable to Contractors or Contractor/Consultants
PROPIN-	Caution-Proprietary Information Involved
USIBONLY-	USIB Departments Only
ORCON-	Dissemination and Extraction of Information Controlled by Originator
REL . . .	This Information has been Authorized for Release to . . .

**SECRET**

*R-02/80*

**CHINA (PRC) ORDER OF BATTLE  
GROUND FORCES EQUIPMENT  
(GROUND FORCES WEAPONS—GFW)  
MAY 1980**

**PRC Order of Battle  
Ground Forces Equipment**

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**CHINA (PRC) ORDER OF BATTLE  
GROUND FORCES EQUIPMENT  
(GROUND FORCES WEAPONS—GFW)  
MAY 1980**

**INTRODUCTION**

1. (S) This second section of the glossary is divided into eight subsections and lists equipment in the PRC whether produced indigenously or imported. This section is based on the original NPIC report, R-26/73, *Ground Forces Weapons—GFW*, published in 1973 (SECRET), and on the 30th Annual Land Warfare Technical Conference's *Nomenclature List of Soviet Bloc and Chinese Ground Equipment*, dated 30 June 1978 (SECRET) [REDACTED]

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2. (U) The glossary in its entirety is classified SECRET/WNINTEL.

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**I. TRACKED ARMORED FIGHTING VEHICLES (AFVs)****A. Heavy Tank**

JS-3 Soviet

JS-2 Soviet

**B. Medium Tank**

T-34

Type 59 Chinese version of Soviet T-54A

**C. Light Tank**

Type 62 Scaled-down version of Type 59 tank

Type 63 Soviet PT-76 chassis with a larger turret

PT-76 Soviet

**D. Assault Gun**

JSU-122 Soviet

SU-100 Soviet

SU-85 Soviet

SU-76 Soviet

**E. Armored Recovery Vehicles (ARVs)**

Type 59 Type 59 tank chassis

PRC-1

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II. ARMORED PERSONNEL CARRIERS (APCs)

A. **Tracked APC**

M-1967

Indigenous

B. **Wheeled APC**

BTR-40

BTR-152

PRC-2

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**SECRET****III. ARTILLERY****A. Self-Propelled (SP) Artillery**

122mm SP Gun M-1967*	Indigenous
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**B. Towed Artillery**

152mm Gun How Type 66	Soviet D-20
152mm Gun How ML-20	Soviet
152mm Howitzers Type 56	Soviet D-1
152mm Howitzer M-10	Soviet
130mm Fld Gun Type 50-1	Indigenous
130mm Field Gun Type 59	Soviet M-46
122mm Corps Gun A-19	Soviet
122mm Field Gun Type 60	Soviet D-74
122mm Howitzer Type 54	Soviet M-30
100mm Field Gun Type 71	Soviet M-1944/BS-3
85mm Field Gun Type 56	Soviet D-44
76mm Field Gun Type 54	Soviet ZIS-3
57mm AT Gun Type 55	Soviet M-1943

**AT Gun**

FA Piece

Field Gun

Howitzer

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\*Indicates interim designator.



**SECRET****C. Mortar**

160mm Mortar Type 56	Soviet M-1943
120mm Mortar Type 55	Soviet M-1943
100mm Mortar*	Indigenous
82mm Mortar Type 53	Soviet M-1937
60mm Mortar Type 63	Indigenous

**D. Rocket Launchers (RLs)**

107mm RL Type 63-1	Indigenous
130mm RL M-1967*	Indigenous
BM-13	Soviet 132mm
BM-14/17/9	Soviet 140mm or indigenous

**E. Antiaircraft (AA), Towed**

100mm AA Gun Type 59	Soviet KS-19
85mm AA Gun KS-12	Soviet
57mm AA Gun Type 59	Soviet S-60
37mm AA Gun Type 55	Soviet M-1939
37mm AA Gun Type 65	Dual 37mm
ZPU-4 AAHMG Type 56	Soviet ZPU-4 AAHMG (AA heavy machine gun)
ZPU-2 AAHMG Type 58	Soviet ZPU-2 AAHMG
<b>AA Gun</b>	
PUAZO-6	Soviet
FIRE CAN	Soviet

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\*Indicates interim designator.

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**SECRET**

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**SECRET****IV. GAP-CROSSING EQUIPMENT****A. Amphibious Vehicles**

Amphibian

K-61 Soviet

Powerboat

BMK-70 Soviet

BMK-90/-130 Soviet

BMK-150 Soviet

**B. Mobile and Portable Bridges**

Tank Launched Bridge Indigenous

**C. Floating Bridges and Ferries**

PPS Soviet

LPP/TPP Soviet

-End Section

-Center Section Rigid pointed ponton

Rigid Rectangular Ponton

Ponton Carrier Soviet

GSP Soviet

PRC-5

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V. DECONTAMINATION EQUIPMENT

ARS-12	Soviet
DDA-53	Soviet

PRC-6

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**SECRET**

**VI. PRIME MOVERS, TRACKED**

Arty Tractor Type 59	Indigenous
AT-T	Soviet
AT-S	Soviet
AT-L	Soviet
AT-P	Soviet

**PRC-7**

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**VII. ENGINEERING EQUIPMENT—GENERAL**

Crawler Tractor

Grader

Wheeled Tractor

Plow

Scraper

Front Loader

Crane

Crane Shovel

Earth Auger

Roller

Piledriver

LRV Portable Sawmill

Ditcher

Trencher

Bulldozer

Dozer Blade

Crusher Screener

Asphalt Paver

Concrete Mixer

Cement Truck

Backhoe

Truck-Mounted Crane

Wheeled Crane

Crawler Crane

PRC-8

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**VIII. WHEELED VEHICLES**

UAZ-69	Soviet
BJ-212	4 x 4 1/2 ton jeep
CA-10	Soviet ZIL-150
CA-30	Soviet ZIL-157
JN-150	Czech Skoda 706RT
NJ-120	4 x 2, 2 1/2 ton
NJ-130	Soviet GAZ-51
CA-340	4 x 2, 3 1/2 ton dump truck

PRC-9

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**NORTH KOREA ORDER OF BATTLE  
GROUND FORCES EQUIPMENT  
(GROUND FORCES WEAPONS—GFW)  
MAY 1980**

**North Korea Order of Battle  
Ground Forces Equipment**

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**NORTH KOREA ORDER OF BATTLE  
GROUND FORCES EQUIPMENT  
(GROUND FORCES WEAPONS—GFW)  
MAY 1980**

**INTRODUCTION**

1. (U) The third section of the glossary is divided into 11 subsections.
2. (U) The glossary in its entirety is classified SECRET/WNINTEL.

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**I. TACTICAL MISSILES AND ASSOCIATED EQUIPMENT****A. Surface-to-Surface Missiles**

<b>FROG</b>	Free rocket over ground
FROG Rocket	
FROG-7 TEL	Wheeled chassis, modified ZIL-135, 8 x 8
FROG-7 Resupply Veh	Wheeled chassis, modified ZIL-135, 8 x 8
FROG-3/-5	PT-76 chassis
FROG Resupply Semitrlr	Associated with FROG-3/-5 only
FROG-6	Trainer on modified ZIL-157, 6 x 6

**B. Surface-to-Air Missiles**

<b>SA-2</b>	<b>GUIDELINE</b>
SA-2 Missile	
SA-2 Launcher	
SA-2 Missile Trnspr	
SA-2 Canister Trnspr	

**C. Antitank Guided Missiles (ATGMs)**

<b>AT-1</b>	<b>SNAPPER</b> on modified UAZ-69
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KN-1

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D. Missile-Associated Equipment

UAZ-452 Computer Van	FROG associated
Oxidizer Transporter	SA-2 associated
Fuel Service Truck	SA-2 associated
Missile Dolly	SA-2 associated
Boggie Wheels	SA associated
Canister	Report by system type if possible
Crate	Report by system type if possible

KN-2

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## II. TRACKED ARMORED FIGHTING VEHICLES (AFVs)

### A. Medium Tank

T-62

T-54/-55

Type 59

Chinese version of the T-54A

T-34

### B. Light Tank

PT-76

PRC Type 60/63

PRC Type 62

### C. Assault Gun

SU-100

Assault gun; tube offset to right; commander's cupola protrudes from right of superstructure

SU-85

Assault gun; tube slightly offset to left

SU-76

Assault gun; tube mounted to the rear

KN-3

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**III. ARMORED PERSONNEL CARRIERS (APCs)**

**A. Tracked APC**

BTR-50P PT-76 chassis

M-1973

PRC M-1967

**B. Wheeled APC**

BTR-60PB Overhead cover and forward  
turret

BTR-152 6 x 6 APC

BTR-40 4 x 4 APC

KN-4

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#### IV. ARTILLERY

##### A. Self-Propelled (SP) Artillery

M-1978	SP gun mounted on tracked chassis, also known as Koksan SP gun, long-range unidentified caliber
M-1977	SP gun mounted on M-1973 APC chassis, gun possibly the 152mm howitzer D-1
M-1975	SP gun mounted on tracked chassis, gun possibly the 130mm field gun M-46
M-1974	SP gun mounted on tracked chassis, gun possibly the 152mm gun howitzer D-20

##### B. Towed Artillery

152mm Howitzer M-10	
152mm Gun Howitzer ML-20	Mounted on the same carriage as the 122mm field gun A-19
152mm Gun Howitzer D-20	Mounted on the same carriage as the 122mm field gun D-74
152mm Howitzer D-1	Mounted on the same carriage as the 122mm howitzer M-30
130mm Field Gun M-46	
122mm Field Gun D-74	
122mm Field Gun A-19	
122mm Howitzer M-30	
100mm Field Gun M-55	
100mm Field Gun M-44	
85mm Field Gun D-44	
76mm Field Gun Z15-3	
57mm Antitank Gun Z15-2	

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**SECRET****C. Mortar**

160mm Mortar M-160	Usually deployed in batteries of six
160mm Mortar M-1943	
160mm Mortar M-1938	Usually deployed in batteries of six
82mm Mortar M-1937	Usually deployed in batteries of nine

**D. Rocket Launchers (RLs), Truck Mounted**

BM-13	132mm ZIL-151
BM-14/-16	140mm ZIL-151
BMD-20	200mm ZIL-151/-157
BM-24	240mm ZIL-151/-157
BM-11 ZIL-151/-157	122mm
BM-11 SUNGNI-1010	122mm
BM-11/-21 CHAJUHO	122mm, the exact number of tubes is unknown
M-1977 CHAJUHO	Caliber and number of tubes are unknown
107mm	Towed MRL, copy of PRC Type 63 MRL, usually deployed in batteries of nine

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E. Antiaircraft (AA)

100mm AA Gun KS-19

85mm AA Gun KS-12

57mm AA Gun S-60

37mm AA Gun M-1939

37mm AA Gun Type 63

Chinese, twin-barrel 37mm  
AA gun

ZPU-4

Four-barrel 14.5mm heavy  
machine gun

ZPU-2

Twin-barrel 14.5mm heavy  
machine gun

K-61 Mounted ZPU-2/4

ZPU-2/4 mounted just behind  
driver's compartment

Sain-ni SP ZPU-2/4

ZPU-2/4 mounted in the rear  
compartment of the Sain-ni  
vehicle which closely resembles  
a BTR-152 APC

Truck-mounted ZPU-2/4

ZPU-2/4 mounted in the center  
of the cargo bed

Sinhung SP ZPU-2/4

ZPU-2/4 mounted in the rear  
compartment of a modified  
M-1973 APC

KN-7

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**V. GAP-CROSSING EQUIPMENT**

**A. Amphibious Vehicles**

**Amphibian**

Amphibious vehicle; medium  
amphibious transporter

BAV

6 x 6 amphibious truck; formerly  
ZIL-485

K-61

Amphibious transporter

**Powerboat**

BMK-90/-90m

**B. Floating Bridges and Ferries**

GSP

Heavy amphibious ferry

TPP

Heavy ponton bridge

S-Type

Indigenously produced heavy  
ponton bridge

KN-8

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VI. ENGINEERING EQUIPMENT—GENERAL

Crane

Cement Mixer

Truck-Mounted Crane

KN-9

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**VII. DECONTAMINATION EQUIPMENT**

AGV-3 Decon Set	Three to four vehicles
ARS-12/-14	Truck-mounted decontamination apparatus for vehicles and equipment
DDA-53	Truck-mounted decontamination apparatus for clothing and equipment
ADM-480	Truck-mounted decontamination apparatus for vehicles and equipment
BU-4	Truck-mounted decontamination apparatus for clothing
DDP	Trailer-mounted decontamination apparatus

KN-10

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## VIII. PRIME MOVERS, TRACKED

AT-5

Medium tracked artillery tractor

ATS-59

Type 59

Chinese

KN-11

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**IX. WHEELED VEHICLES**

**A. USSR/North Korean Copy**

UAZ-69

UAZ-69A

KAENGSAENG-415

North Korean copy of UAZ-69

SUNGNI-415

North Korean copy of UAZ-69

GAZ-51/-63

SUNGNI-58/-61

North Korean copy of GAZ-51/-63

TUJAENG-66

SUNGNI-1010

ZIL-151

ZIL-157

KRAZ-214

CHAJUHO

North Korean copy of KRAZ-214

**B. Trucks, General Functional Categories**

Van Truck

Cargo Truck

Trucks

Dual-axle trailer

Trailer

Vehicle/Piece of Equipment

KN-12

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X. ARMORED RECOVERY VEHICLES (ARVs)

Type 59T

Chinese Type 59 tank chassis  
without turret

KN-13

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**XI. ELECTRONICS EQUIPMENT**

**A. Air Defense Radars**

FIRE CAN

TEAM WORK

Chinese

SPOON REST A

SPOON REST B

SPOON REST C

KNIFE REST A

KNIFE REST B

KNIFE REST C

WHIFF

FAN SONG B

FAN SONG F

**B. Air Warning Radars**

BAR LOCK

STRIKE OUT

CROSS OUT

TOKEN

BIG MESH

BIG BAR

ROCK CAKE

STONE CAKE

SPONGE CAKE

HSI-CHANG A

Chinese

KN-14

**SECRET**

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**SECRET**

SIDE NET

SQUAT EYE

MOON FACE Chinese

MOON CONE Chinese

FLAT FACE

TALL KING A

TALL KING B

CROSS LEGS Chinese

SLOT REST Chinese

CROSS SLOT Chinese

C. Ground Forces-Associated Radars

END TRAY

BREAD BIN

PORK TROUGH

D. Fire Support Equipment

PUAZO-6

KN-15

**SECRET**

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